

Please type a plus sign (+) in this box

[+]

OCT 12 2001

PATENT & TRADEMARK OFFICE

PTO/SB (12-97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Modified Form 1449/PTO		Application Number	09/672,665
		Filing Date	09/28/00
		First Named Inventor	Prayaga
		Group Art Unit	1641
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	15966-572 (Cura-72)

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
ANL	A1	5,656,724	08/12/97	Daly, et al.	530	324	10/26/94
	A2	4,659,694	04/21/87	Horecker, B.L.	574	12	08/13/84
	A3	4,716,148	12/29/87	Horecker, B.L.	574	12	11/18/86

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
ANL	B1	WO 98/21234	Genentech, Inc.	05/22/98	
	B2	WO 99/63116	Reprogen, Inc.	12/09/99	
	B3	EP 0131252	F. Hoffmann-LaRoche & Co.	01/16/85	

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
ANL	C1	Eckert, K. et al. (1997). "Preclinical studies with prothymosin alpha1 on mononuclear cells from tumor patients." <u>Int. J. Immunopharmac.</u> 19: 493-500.
	C2	Eschenfeldt, W. et al. (1986). "The human prothymosin alpha gene is polymorphic and induced upon growth stimulation: evidence using a cloned cDNA." <u>Proc. Natl. Acad. Sci. U.S.A.</u> 83: 9403-9407.
	C3	Eschenfeldt, W. et al. (1989). "Isolation and partial sequencing of the human prothymosin alpha gene family: Evidence against export of the gene products." <u>J. Biol. Chem.</u> 264: 7546-7555.
	C4	Manrow, R. et al. (1992). "The human prothymosin alpha gene family contains several processed pseudogenes lacking deleterious lesions." <u>Genomics</u> 13: 319-331.
	C5	Poncz, M. et al. (1987). "Cloning and characterization of platelet factor 4 cDNA derived from a human erythroleukemic cell line." <u>Blood</u> 69: 219-223.
	C6	Rubtsov, et al., 1995 "New intronless members of human prothymosin alpha genes." <u>Mol. Biol.</u> 29(6): 1320-1325.
	C7	Steen, R. G. et al. (1999). "A high-density integrated genetic linkage and radiation hybrid map of the laboratory rat [published erratum appears in Genome Res 1999 Aug;9(8):793]." <u>Genome Res</u> 9(6): AP1-8, insert.
	C8	Ullrich, A. et al. (1983). "Human beta-nerve growth factor gene sequence highly homologous to that of mouse." <u>Nature</u> 303: 821-825.
	C9	GenBank Accession Number: BG271393, February 20, 2001.
	C10	GenBank Accession Number: AAA36485, April 27, 1993.

OTHER PRIOR ART OR NON-PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
DW	C11	GenBank Accession Number: L21695, September 23, 1996.
	C12	GenBank Accession Number: P01138, August 20, 2001.
	C13	Ullrich, A. et al. (1983). "Sequence homology of human and mouse beta-NGF subunit genes." <u>Cold Spring Harb Symp Quant Biol</u> . 48 Pt 1: 435-442.
	C14	Borsani, G. et al. (1990). "cDNA sequence of human beta-NGF." <u>Nucleic Acids Res</u> . 18: 4020.
	C15	Pan, L.X. et al. (1986). "Human prothymosin alpha: amino acid sequence and immunologic properties." <u>Arch. Biochem. Biophys</u> . 250: 197-201.
	C16	Goodall, G.J. et al. (1986). "Molecular cloning of cDNA for human prothymosin alpha." <u>Proc Natl Acad Sci USA</u> 83: 8926-8928.
	C17	Szabo, P. et al. (1993). "Prothymosin alpha gene in humans: organization of its promoter region and localization to chromosome 2." <u>Hum. Genet</u> . 90: 629-634.
	C18	Panneerselvam, C. et al. (1988). "The amino acid sequence of bovine thymus prothymosin alpha." <u>Arch. Biochem. Biophys</u> . 265: 454-457.
	C19	Low, T.L., and A.L. Goldstein (1979). "The chemistry and biology of thymosin. II. Amino acid sequence analysis of thymosin alpha1 and polypeptide beta1." <u>J. Biol. Chem</u> . 254: 987-995.
	C20	Haritos, A.A. et al. (1984). "Distribution of prothymosin alpha in rat tissues." <u>Proc Natl Acad Sci USA</u> 81: 1391-1393.
	C21	Haritos, A.A. et al. (1984). "Prothymosin alpha: isolation and properties of the major immunoreactive form of thymosin alpha 1 in rat thymus." <u>Proc Natl Acad Sci USA</u> 81: 1008-1011.
✓	C22	Partial International Search Report, issued June 25, 2001

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature	<i>DWelle</i>	Date Considered	<i>11/21/02</i>
--------------------	---------------	-----------------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.